## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6753665").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 11:05
L2	2	(("20030026702") or ("20040005222")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 11:13
L3	122	318/687,135.ccls. and resona\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:00
L4	242	417/417.ccls. and resona \$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:00
L5	93	417/44.1,44.11.ccls. and resona\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:00
L6	431	3 or 4 or 5	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:00
L7	65	(3 or 4 or 5) and inverter	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L8	49	(3 or 4 or 5) and inverter same current	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L9	47	(3 or 4 or 5) and inverter and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L10	46	(3 or 4 or 5) and inverter and phase and current	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L11	45	(3 or 4 or 5) and inverter and phase and current and voltage	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L12	44	(3 or 4 or 5) and inverter and phase and current and voltage and (amplitude or displacement or stroke)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01

L13	103	(3 or 4 or 5) and frequency with current with resonan\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:04
S5	1	"10587234"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/09 15:39
S6	1	"10587234"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:31
S7	19	paulo near2 dainez.in. or Lillie near2 Dietmar.in. or marcio near thiessen.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:32
S8	19	paulo near2 dainez.in. or Lillie near2 Dietmar.in. or marcio near2 thiessen.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:33
S9	8	[("20020093327"   "20030129063"   "20030164691"   "4345442"   "5342176"   "5534760"   "5980211"   "6851934").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:37
S10	333	("20020051710"   "20020064462"   "20020064463"   "20020064464"   "20020064464"   "20030039550"   "20030129063"   "20030161734"   "20030161735"   "20030164735"   "4353422"   "4353220"   "4783807"   "5658132"   "5987296"   "5947693"   "5980211"   "6074172"   "6084320"   "6133951"   "6176685"   "6231310"   "6885438"   "N. OR ("685138") N. OR ("685138").	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10
S11	33	("4492526"   "5481166"   "5568023"   "5739650"). PN. OR ("5947693"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:45
S12	15	S11 and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:45
S13	5	S11 and phase and resona \$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:46

S14	25	("4772828"   "5420778"   "5980211"   "6259615"   "6271508"   "6437302"   "6437524").PN. OR ("6501240").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:00
S15	16	S14 and phase and resona \$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:01
S16	37	417/417.ccls. and reson\$4 same phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:41
S17	26	417/44.11.cds. and reson \$4 same phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:51
S18	30	417/44.1.ccls. and reson \$4 same phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:52
S19	6	keun near2 sik near2 chang.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:01
S20	18	keun near3 sik near3 chang.in. or chang near3 phil near3 soo.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:02
S21	18	keun near3 sik near3 chang.in. or chang near3 phil near3 soo.in. and samsung.as.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:02
S22	6	keun near3 sik near3 chang.in. or chang near3 phil near3 soo.in. and samsung.as. and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:02
<b>S2</b> 3	18	keun near3 sik near3 chang.in. or chang near3 phil near3 soo.in. and (samsung.as.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:03
S24	1	\$23 and phase and resona \$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:03
\$25	1354	318/687,135.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:06
S26	81	318/687,135.ccls. and phase and resona\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:06
S27	20	318/687,135.ccls. and phase and resona\$4 and (pump or compressor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:06

S28	66	samsung.as. and phase and resona\$4 and (pump or compressor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:09
S29	1	("6220045").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:10
S30	2	("20030175125"   "20030175135"   "6753665").PN. and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:11
S31	9	(US-20030129063-\$ or US- 20050271526-\$).did. or (US-6851934-\$ or US- 5947693-\$ or US-6501240- \$ or US-6231310-\$ or US- 5980211-\$ or US-6379125- \$ or US-4345442-\$).did.	US-PGPUB; USPAT	OR	ON	2010/03/10 12:59
S32	7	S31 and phase and resonan\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:00
S33	2	S31 not S32	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:27
S34	1	("2005/0271526").URPN.	USPAT	OR	ON	2010/03/10 13:34
S35	12	("20030164691"   "20040071556"   "20040039266"   "2005033471"   "20050184687"   "20050271526"   "20060127225"   "6685438"   "6815922"   "6851934"   "6930462"   "702557"),PN. OR ("7408310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:35
S36	1	("6753665").PN.	USPAT; USOCR	OR	OFF	2010/03/10 13:46
S37	2	(("6753665") or ("6220045")).PN.	USPAT; USOCR	OR	OFF	2010/03/10 13:47
S38	9	S7 and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:48
S39	2	S37 and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:49
S40	2	(("4706470") or ("5947693")).PN.	USPAT; USOCR	OR	OFF	2010/03/10 13:53

S41	3	(US-6851934-\$ or US- 6501240-\$ or US-5980211- \$).did.	USPAT	OR	ON	2010/03/10 14:10
S42	2	S8 and stator	USPAT	OR	ON	2010/03/10 14:10
S43	4	S8 and piston	USPAT	OR	ON	2010/03/10 14:10
S44	3	S41 and piston	USPAT	OR	ON	2010/03/10 14:10
S45	3	S41 and piston	USPAT	OR	ON	2010/03/10 14:10
S46	3	S41 and stator	USPAT	OR	ON	2010/03/10 14:11
S47	3	S41 and invert\$3	USPAT	OR	ON	2010/03/10 14:12
S48	3	S41 and volt\$3	USPAT	OR	ON	2010/03/10 14:13
S49	0	S41 and thermostat	USPAT	OR	ON	2010/03/10 14:25
S50	1	"20040005222"	US-PGPUB	OR	ON	2010/03/10 14:26
S51	1	"10587234"	US-PGPUB	OR	ON	2010/03/10 14:55
S52	0	"2004005222"	US-PGPUB; USPAT	OR	ON	2010/03/10 16:34
S53	1	"20040005222"	US-PGPUB; USPAT	OR	ON	2010/03/10 16:34
S54	0	417/417.ccls. and cooling and thermostat and piston and resonance	US-PGPUB; USPAT	OR	ON	2010/03/10 16:51
S55	2	417/417.ccls. and cooling and thermostat and piston	US-PGPUB; USPAT	OR	ON	2010/03/10 16:52
<b>S</b> 56	6	417/417.ccls. and thermostat and piston	US-PGPUB; USPAT	OR	ON	2010/03/10 16:53
<b>S</b> 57	6	417/417.ccls. and thermostat	US-PGPUB; USPAT	OR	ON	2010/03/10 16:53
S58	7	417/44.11.ccls. and thermostat	US-PGPUB; USPAT	OR	ON	2010/03/10 16:54
S59	6	417/44.1.ccls. and thermostat and piston	US-PGPUB; USPAT	OR	ON	2010/03/10 16:54
S60	1	"20030026702"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 18:06
S61	2	(("5156005") or ("5342176")).PN.	USPAT; USOCR	OR	OFF	2010/03/10 18:18

S62	0	("20050271526").PN.	USPAT; USOCR	OR	OFF	2010/11/18 17:42
S63	1	("20050271526").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 17:42
S64	1	("6753665").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 17:45
S65	1	("6220045").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 17:46
S66	44	"5980211"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 17:50
S67	1	("5980211").PN.	USPAT; USOCR	OR	OFF	2010/11/18 17:51
S68	1	S64 and phase with volt\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 18:21
S69	9	"417".clas. and feed adj phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 18:46
S70	2	"417".clas. and feed adj phase and resonan\$2	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 18:47
S71	1	"20040005222"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 18:59
S72	1	"20030026702"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:35
S73	1	"2004005222"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:41
S74	1	"2004005222"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:44
S75	1	"20040005222"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:44
S76	94	"417".clas. and resonan\$2 same current same phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:46
S77	14	"417".clas. and resonan\$2 same current same phase same inverter	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:46

S78	9	"417".clas. and resonan\$2 same current same phase same inverter same voltage	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:46
S79	20	"417".clas. and resonan\$2 same current same inverter same voltage	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:50
S80	11	S79 not S78	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:50
S81	1	"20030026702"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 20:52
S82	1	"20030108430"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 21:13
S83	1	"20030026702"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 21:18

## EAST Search History (Interference)

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## 11/19/2010 12:07:22 PM

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